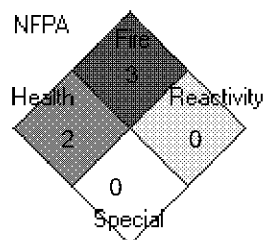


MSDS - Material Safety Data Sheet**Product Name: Soil Seal****MSDS No.: 047010****Part Numbers Covered:**

047010
 047011
 047012
 047013
 047020
 047060
 047062
 047070

I. Basic Information:

Manufacturer: WILLIAM H. HARVEY COMPANY
Address: 4334 SOUTH 67TH STREET
City, ST Zip: OMAHA, NE 68117-1019

Last Update: 07/08/2002**Chemical State:** ☐ Liquid ☐ Gas ☒ Solid**Chemical Type:** ☒ Pure ☐ Mixture

2	Health
3	Flammability
0	Reactivity
	Pers. Protection

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
141786	ETHYL ACETATE	NI						NI	400	NI
67630	ISOPROPYL ALCOHOL	NI						400 PPM	500	NI

III. Hazardous Identification:**Hazard Category:**

☐ Acute ☐ Chronic ☐ Fire ☐ Pressure ☐ Reactive

Hazardous Identification Information:

NDA

IV. First Aid Measures:**Route(s) of Entry:**

SKIN, INGESTION, AND INHALATION

Health Hazards (Acute and Chronic):

DAMAGE TO NERVOUS SYSTEM, KIDNEYS, DROWSINESS AND HEADACHE, LETHARGY, NAUSEA, DIFFICULTY WALKING;
 EXCESS MAY CAUSE DAMAGE TO NERVOUS SYSTEM, BLOOD AND KIDNEYS; VAPOR CAN BE IRRITATING TO EYES, NOSE, AND THROAT; LIQUID MAY IRRITATE EYES.

Signs and Symptoms:

SEE ABOVE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure:

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DROWSINESS AND HEADACHE; DAMAGE TO NERVOUS SYSTEM, KIDNEYS AND BLOOD; DIFFICULTY WALKING

Emergency and First Aid Procedures:

EMERGENCY FIRST AID CALL: 1-303-623-5716 COLLECT

EYES: FLUSH WITH LARGE AMOUNTS OF WATER AND CONSULT A PHYSICIAN

SKIN: WASH WITH SOAP AND WATER

INHALATION: REMOVE TO FRESH AIR

INGESTION: DO NOT INDUCE VOMITING; CALL A PHYSICIAN

Other Health Warnings:

NI

V. Fire Fighting Measures:

Flash Point: 24 F DEG T

Lower Explosive Limit: 2.0

Upper Explosive Limit:

Fire Extinguishing Media: CARBON DIOXIDE, WATER STREAM (FOG), OR DRY CHEMICAL

Special Fire Fighting Procedures:

WHEN EXPOSED TO HEAT AND FLAME, THIS IS A FIRE AND EXPLOSION HAZARD

Unusual Fire and Explosion:

WHEN BURNING, THIS MATERIAL PRODUCES TOXIC DEGRADATION PRODUCTS INCLUDING CO₂, AND OXIDES OF NITROGEN; SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED IN FIGHTING FIRE.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

CONFINE SPILLED MATERIAL, ALLOW TO SET UP THEN SCRAPE OR SWEEP UP RESIDUE AND PLACE IN TRASH CONTAINER. DO NOT INCINERATE!

VII. Handling and Storage:

Precautions to be Taken:

ELIMINATE IGNITION SOURCES; KEEP COOL, KEEP CONTAINER CLOSED AFTER USE.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN AND PETS!

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

HAVE LOCAL EXHAUST AND MECHANICAL (GENERAL) EXHAUST

Personal Protective Equipment:

ADVISED TO USE PROTECTIVE GLOVES AND EYE GOGGLES. WEAR SYNTHETIC APRON OR STANDARD LONG SLEEVED WORK APPAREL, AND A VAPOR RESPIRATOR. USE NORMAL GOOD SAFETY AND HEALTH PROCEDURES.

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MSDS No.: **047010**

IX. Physical and Chemical Properties:

Boiling Point: 171 F D **Melting Point:** NI **Evaporation Rate:** NI

Vapor Pressure (mm Hg.): 76@20 C **Vapor Density (AIR = 1):** NI

Solubility In Water: INSOLUBLE

Appearance and Odor: GRAY PASTE WITH ALCOHOL ODOR

Other Information:

X. Stability and Reactivity:

Stability:
STABLE

Incompatibility (Materials to Avoid):
AVOID STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES AND AMINES

Decomposition/By Products:
COMBUSTION PRODUCES CARBON DIOXIDE AND CARBON MONOXIDE

Hazardous Polymerization:
WILL NOT OCCUR

XI. Toxicological Information:

NDA

XII. Ecological Information:

NDA

XIII. Disposal Considerations:

DISPOSE OF WASTE MATERIAL ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

XIV. Transport Information:

TRANSPORATION INFORMATION:

DOT PROPER SHIPPING NAME: FLAMMABLE LIQUID
DOT LABEL: ORM-D HAZARD CLASS-3.2
DOT NUMBER: N/A
UN NUMBER: 1263 FOR BULK
IMCO CLASS: N/A
DOT HAZARD CLASSIFICATION: N/A

XV. Regulatory Information:

NDA

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XVI. Other Information:

ABBREVIATIONS:

N/A = NOT APPLICABLE N/I = NONE INDICATED NDA = NO DATA AVAILABLE
N/E = NOT ESTABLISHED C = CELSIUS DEGREES F = FAHRENHEIT DEGREES

DISCLAIMER:

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